

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	5010-080-01
First Inventor	GARY LIM
Title	PURIFICATION DEVICE FOR RIBONUCLEIC ACID IN LARGE VOLUMES, AND METHOD
Express Mail Label No.	EV 348582688 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages (preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 

5. ☐ Oath or Declaration [Total Sheets 

a. ☒ Newly executed (original or copy)

b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)

i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: ...Check No. 4201 For \$1508.00

18 If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

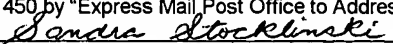
☒ Customer Number or Bar Code Labelor ☐ Correspondence address below

Name	Leonard D. Bowersox			
	Kilyk & Bowersox, P.L.L.C.			
Address	3603-E Chain Bridge Road	Fairfax	VA	22030
Country	USA	Telephone	1-703-385-9688	Fax 1-703-385-9719

Name (Print/type)	Leonard D. Bowersox	Registration No. (Attorney/Agent)	33,226
Signature		Date	January 15, 2004

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Date: January 15, 2004. Label No. EV348582688 US I hereby certify that, on the date indicated above, I deposited this paper with identified attachments and/or fee with the U.S. Postal Service and that it was addressed for delivery to Mail Stop Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 by "Express Mail Post Office to Addressee" service.

Sandra Stocklinski  
Name (Print)  
Signature-

16138 U.S. PTO  
011504

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)**1508.00**

## Complete if Known

Application Number	To Be Assigned
Filing Date	January 15, 2004
First Named Inventor	Gary LIM
Examiner Name	To Be Assigned
Art Unit	To Be Assigned
Attorney Docket No.	5010-080-01

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account

Deposit Account Number: 50-0925

Deposit Account Name: Kilyk & Bowersox, P.L.L.C.

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any deficiencies in the following fees and credit any overpayment to Deposit Account No. 50-0925.

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION (continued)

3. ADDITIONAL FEES									
Large Entity		Small Entity							
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description				Fee Paid	
1051	130	2051	65	Surcharge - late filing fee or oath					
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet					
1053	130	1053	130	Non-English specification					
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination					
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action					
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action					
1251	110	2251	55	Extension for reply within first month					
1252	420	2252	210	Extension for reply within second month					
1253	950	2253	475	Extension for reply within third month					
1254	1,480	2254	740	Extension for reply within fourth month					
1255	2,010	2255	1050	Extension for reply within fifth month					
1401	330	2401	165	Notice of Appeal					
1402	330	2402	165	Filing a brief in support of an appeal					
1403	290	2403	145	Request for oral hearing					
1451	1,510	1451	1,510	Petition to institute a public use proceeding					
1452	110	2452	55	Petition to revive - unavoidable					
1453	1,330	2453	665	Petition to revive - unintentional					
1501	1,330	2501	665	Utility issue fee (or reissue)					
1502	480	2502	240	Design issue fee					
1503	640	2503	3205	Plant issue fee					
1460	130	1460	130	Petitions to the Commissioner					
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)					
1806	180	1806	180	Submission of Information Disclosure Stmt					
8021	40	8021	40	Recording each patent assignment per property (times number of properties)				40.00	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))					
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))					
1801	770	2801	385	Request for Continued Examination (RCE)					
1802	900	1802	900	Request for expedited examination of a design application					
Other fee (specify)									
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3)		(\$) <b>40.00</b>			

FEE CALCULATION				
1. BASIC FILING FEE				
Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1001	770	2001	385	Utility filing fee
1002	340	2002	170	Design filing fee
1003	530	2003	265	Plant filing fee
1004	770	2004	385	Reissue filing fee
1005	160	2005	80	Provisional filing fee
SUBTOTAL (1)				(\$) <b>770.00</b>
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE				
Total Claims	54	-20**=	34	x
Independent Claims	4	-3**=	1	x
Multiple Dependent				
		Fee from below		Fee Paid
		18.00	=	612.00
		86.00	=	86.00
			=	
Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				(\$) <b>698.00</b>
** or number previously paid, if greater; For Reissues, see above				

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Leonard D. Bowersox	Registration No. (Attorney/Agent)	33,226	Telephone	1-703-385-9688
Signature		Date	January 15, 2004		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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Sandra Stocklinski

Name (Print)

Signature